

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/591,754  
Source: IFWP  
Date Processed by STIC: 9/21/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 09/21/2006

PATENT APPLICATION: US/10/591,754

TIME: 11:28:46

Input Set : A:\Sequence Listing 9-1-06.txt

Output Set: N:\CRF4\09212006\J591754.raw

```

3 <110> APPLICANT: ZOEGENE Corporatin
5 <120> TITLE OF INVENTION: Method for producing cell extract for cell-free protein
synthesis
7 <130> FILE REFERENCE: A5004-C5044
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/591,754
C--> 9 <141> CURRENT FILING DATE: 2006-09-01
9 <150> PRIOR APPLICATION NUMBER: JP2004-57373
10 <151> PRIOR FILING DATE: 2004-03-02
12 <160> NUMBER OF SEQ ID NOS: 14
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 98
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: synthetic
24 <400> SEQUENCE: 1
25 gccggccgat ttaggtgaca ctatagaaca tcaacatctt acattttaca ttataatttt      60
27 cactctctat ttttttttac attaacaaca ttttttagg                             98
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 89
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial
35 <220> FEATURE:
36 <223> OTHER INFORMATION: synthetic
38 <400> SEQUENCE: 2
39 atgcatcatc atcatcatca tcatcatcat catagcagcg gccatctgga agttctgttc      60
41 cagggcccta tggggaatgg gatgaacaa                                         89
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 36
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial
49 <220> FEATURE:
50 <223> OTHER INFORMATION: synthetic
52 <400> SEQUENCE: 3
53 ggcctttttg gcctcattct gcacacctgca aagggc                                36
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial
61 <220> FEATURE:
62 <223> OTHER INFORMATION: synthetic
64 <400> SEQUENCE: 4
65 atggtgagca agggcgagga                                                    20

```

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```

68 <210> SEQ ID NO: 5
69 <211> LENGTH: 33
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: synthetic
76 <400> SEQUENCE: 5
77 ggcctttttg gccttacttg tacagctcgt cca 33
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 1731
82 <212> TYPE: DNA
83 <213> ORGANISM: Homo sapiens
85 <400> SEQUENCE: 6
86 atgaggcacc aggggaagat ccccgaggag ctttcactag atgacagagc gaggaccacg 60
88 aagaagtggg ggagggggaa atgggagcca gaaccacagta gcaagcccc caggggaagcc 120
90 actctggaag agaggcacgc aaggggagag aagcatcttg gggtaggat tgaaaagacc 180
92 tcgggtgaaa ttatcagatg cgagaagtgc aagagagaga gggagctcca gcagagcctg 240
94 gagcgtgaga ggctttctct ggggaccagt gagctggata tggggaaggg cccaatgtat 300
96 gatgtggaga agctggtag gaccagaagc tgcaggaggt ctcccgaggc aaatcctgca 360
98 agtggggagg aaggggtggaa gggtagacgc cacaggagca gccccaggaa tcccaactcaa 420
100 gagctgagga gaccagcaa gagcatggac aagaaagagg acagaggccc agaggatcaa 480
102 gaaagccatg ctacgggagc agccaaggcc aagaaggacc ttgtggaagt tcttcctgtc 540
104 acagaggagg ggctgaggga ggtgaagaag gacaccaggc ccatgagcag gagcaaacat 600
106 ggtggctggc tcctgagaga gcaccaggcg ggctttgaga agctccgcag gacccgagga 660
108 gaagagaagg aggcagagaa ggagaaaaag ccatgtatgt ctggaggcag aaggatgact 720
110 ctacagatg accaacctgc aaagctagaa aaggagccca agacgaggcc agaagagaac 780
112 aagccagagc ggcccagcgg tcggaagcca cggcccatgg gcatcattgc cgccaatgtg 840
114 gaaaagcatt atgagactgg ccgggtcatt ggggatggga actttgctgt cgtgaaggag 900
116 tgcagacacc gcgagaccag gcaggcctat gcgatgaaga tcattgacaa gtccagactc 960
118 aagggcaagg aggacatggt ggacagttag atcttgatca tccagagcct ctctcacccc 1020
120 aacatcgtga aattgcatga agtctacgaa acagacatgg aaatctacct gatcctggag 1080
122 tacgtgcagg gaggagacct ttttgacgcc atcatagaaa gtgtgaagtt cccggagccc 1140
124 gatgctgccc tcatgatcat ggacttatgc aaagccctcg tccacatgca cgacaagagc 1200
126 attgtccacc gggacctcaa gccggaaaaac cttttggttc agcgaaatga ggacaaatct 1260
128 actaccttga aattggctga ttttggactt gcaaagcatg tggtagagac tatatttact 1320
130 gtgtgtggga ccccaactta cgtagctccc gaaattcttt ctgagaaaagg ttatggactg 1380
132 gaggtggaca tgtgggctgc tggcgtgac ctctatatcc tgctgtgtgg ctttccccc 1440
134 ttccgcagcc ctgagaggga ccaggacgag ctctttaaca tcatccagct gggccacttt 1500
136 gagttcctcc ccccttactg ggacaatatc tctgatgctg cttaaagatct ggtgagccgg 1560
138 ttgctggtgg tagaccccaa aaagcgctac acagctcatc aggttcttca gcaccctgg 1620
140 atcgaaacag ctggcaagac caatacagt aaacgacaga agcaggtgtc ccccgagcag 1680
142 gaggtcact tccggagcca gcacaagagg gttgtggagc aggtatcata g 1731
145 <210> SEQ ID NO: 7
146 <211> LENGTH: 18
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: synthetic
153 <400> SEQUENCE: 7

```

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Input Set : A:\Sequence Listing 9-1-06.txt

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```

154 atgaggcacc aggggaag 18
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 64
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial
162 <220> FEATURE:
163 <223> OTHER INFORMATION: synthetic
165 <400> SEQUENCE: 8
166 ggccattaag gcctcaatgg tgatggtgat ggtgatggtg atggtgatac ctgctccaca 60
168 accc 64
171 <210> SEQ ID NO: 9
172 <211> LENGTH: 2121
173 <212> TYPE: DNA
174 <213> ORGANISM: Homo sapiens
176 <400> SEQUENCE: 9
177 atggaggaca ggaaggagct cttaacggaa atcccggttg cggaattat aaagaagaac 60
179 ggagagaagt acattacgga gctggacgag accaagacca agatcgtgga ccgctatcgc 120
181 gttgggaagc agatcggcaa ggggtgggtt gcgatttgt atgagctgac gaggattcgg 180
183 acggggaaga agtacgcggg caaggtggtg gagaaggcgg gctgaccaa gcccaagtat 240
185 ctcgagaagt tcatgagcga aatccggatt caccagtcgc tggaccatcc ccacatctgc 300
187 aagatgtaca agcactttga ggataatcgc taccactacc tcattctgga gttgtgttcg 360
189 aacgagacgc tggcgcatct gcttcgcgtc cgggagtgcc tcaccgagcc ggaggtacag 420
191 tactttttgc tgcagatcat cgacgcggtg agctacctcc acaagcgctg catcatccac 480
193 cgcgatctca aattgggcaa catcttctc gacgagaacc tggaggtgaa ggtgggcgac 540
195 ctgggtctcg cggcgagct gaacgagccg aacgagcgca agaagacgat gtgcggcact 600
197 ccgaactaca tcgcaccgga gattttgcag tcgaacgaca agcgcgccta ctctacgag 660
199 gtggacatct gggcggtcgg cgtgatcacc tacacgatgc tgatcgga ggcgcggtc 720
201 gacggcggca gcaaggagat cacctaccgc aagatccgcg agaacgagct gtcctttccc 780
203 atcaaggacc accacatttc ccaccaagcg cgcattgtca tccggtcgat cctcaacccc 840
205 gacccacgc agcgctcac gctggagcag atggtacagc accccttctt caccgactcg 900
207 cccatcgacc cgcccaagtc gctgccgctc tacatcctgc gcgagccctt cctcctctcc 960
209 gcgcgcctcc ccaccgagcc cacgcccgtg ctccagcggg cgcagcgct ccccgccgag 1020
211 gacaccggcg tcggcgaggc caagcgcac cgcattggcg acctccccgc gccgcggctc 1080
213 cctgcgcctg ctactgtgtc ttctccttct cctgcagtgg gtactgtggg tcaggcaaca 1140
215 ggcgagtg ggcgcaacgc gtacacagcg cacctcttcc gccgcaggc ggcgagtag 1200
217 gacctgagc gcaatggcg caacaacctg aaccgcttct cgctgacggg cgaccgcgcg 1260
219 cgtgagatgg agggccggtt ggactacgtg aaccgctcct tccacgacgc gcgcgggctg 1320
221 ctgccgtcgg aggtgttcga gggcctgccg acgggcatcg tgccctccat caccgtccc 1380
223 cggggacgct tcgaggagaa ggagggtcg ccgctgctgc aggcgcacgc agccaatctg 1440
225 tacacggcga tgaacaaccc gggactgatg gtgccggcga accacgtaca ggtgactcgc 1500
227 acagcgaact ggatcgtgga cgagtacgac ttcacgcgga agtacgggat cgggtacatg 1560
229 ttcagcaacg gcaacatcgg catcctgttc aacgacaaga cctccatcgt gctgtcggcg 1620
231 gacggcatgt tcttcgagta ccaccacgc atctcgatca cgcagtggaa cgccaagcag 1680
233 acgttccccg cgtcgggtgtc gggtagcatc gacgattacc ccgacgagct ggcgaagaag 1740
235 atcacgctga tcaagtactt ccgcaccaat ttccgagatc gtgcggagaa ccgcatgctg 1800
237 tcgaaggagg aggtggagga cacggcgcg cggcgggccga aggtgaacat gccgttcgcg 1860
239 ctgaagtggc tgaagaagga ggacgcgtcg atctgcatgc tgagcacggg cgccattcag 1920
241 gtgcgtacg atggaggcac catcctgaac ttggagagtc cgttcgacga cgtgacgtat 1980
243 ttggacaagt acggtgtcgt gaccgccatg ccgctggcga gggccatctc gctcaagaga 2040

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```

245 gacgatctca tgcggcgctt ggactacgtg gagagcaaca tccaggacat cgtgacgcac 2100
247 ctcagcaagg cccatcatta a 2121
250 <210> SEQ ID NO: 10
251 <211> LENGTH: 19
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial
255 <220> FEATURE:
256 <223> OTHER INFORMATION: synthetic
258 <400> SEQUENCE: 10
259 atggaggaca ggaaggagc 19
262 <210> SEQ ID NO: 11
263 <211> LENGTH: 65
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial
267 <220> FEATURE:
268 <223> OTHER INFORMATION: synthetic
270 <400> SEQUENCE: 11
271 ggccattaag gcctcaatgg tgatggtgat ggtgatggtg atggtgatga tgggccttgc 60
273 tgagg 65
276 <210> SEQ ID NO: 12
277 <211> LENGTH: 657
278 <212> TYPE: DNA
279 <213> ORGANISM: Schistosoma japonicum
281 <400> SEQUENCE: 12
282 atgtccccta tactagggtta ttggaaaatt aagggccttg tgcaaccac tgcacttctt 60
284 ttggaatatc ttgaagaaaa atatgaagag catttgatg agcgcgatga aggtgataaa 120
286 tggcgaaaaca aaaagtgttg attgggtttg gagtttccca atcttcctta ttatattgat 180
288 ggtgatgtta aattaacaca gtctatggcc atcatacgtt atatagctga caagcacaac 240
290 atgttgggtg gttgtccaaa agagcgtgca gagatttcaa tgcttgaagg agcgggtttg 300
292 gatattagat acggtgtttc gagaattgca tatagtaaag actttgaaac tctcaaagtt 360
294 gatttttctta gcaagctacc tgaaatgctg aaaatgttcg aagatcgttt atgtcataaa 420
296 acatatttaa atggtgatca tgtaacccat cctgacttca tgttgtatga cgctcttgat 480
298 gttgttttat acatggaccc aatgtgcctg gatgcgttcc caaaattagt ttgttttaaa 540
300 aaacgtattg aagctatccc acaaattgat aagtacttga aatccagcaa gtatatagca 600
302 tggcctttgc agggctggca agccacgttt ggtggtggcg accatcctcc aaaataa 657
305 <210> SEQ ID NO: 13
306 <211> LENGTH: 27
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial
310 <220> FEATURE:
311 <223> OTHER INFORMATION: synthetic
313 <400> SEQUENCE: 13
314 atgtccccta tactagggtta ttggaaa 27
317 <210> SEQ ID NO: 14
318 <211> LENGTH: 39
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial
322 <220> FEATURE:
323 <223> OTHER INFORMATION: synthetic

```

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Output Set: N:\CRF4\09212006\J591754.raw

325 &lt;400&gt; SEQUENCE: 14

326 tcctcgccct tgctcaccat ttttggagga tggtcgcca

39

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 09/21/2006  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,7,8,10,11,13,14

**VERIFICATION SUMMARY**

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Input Set : A:\Sequence Listing 9-1-06.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date